

Amendment Under 37 C.F.R. § 1.111
Sughrue Ref: Q67205
Serial No. 09/987,086

AMENDMENTS TO THE CLAIMS

This listing of claims will replace all prior versions and listings of claims in the application:

LISTING OF CLAIMS:

Claims 1-3: Cancelled.

Claim 4 (currently amended): ~~A motor according to claim 3~~ A motor comprising:
a stator provided with a resin coil bobbin formed by insert molding having at least two
metallic stator cores, said cores being stacked in an axial direction of the motor, and each core
having an outer yoke and an inner yoke;
a rotor accommodated in said stator, said rotor being rotated while being urged by an
urging member in the axial direction of said rotor;
a positional regulation part, located on one side face of said stator, integrally formed with
said resin coil bobbins by insert molding, and
a support portion, integrally formed with said resin coil bobbins by insert molding,
constituted by a cap portion having a circular hole on which a slide bearing is positioned; and
a slide bearing movable in the axial direction of said rotor and rotatably receiving one
end of a shaft of said rotor;
wherein the support portion is located on another side face of the stator, and supports said
slide bearing,
wherein the positional regulation part and the support portion regulate the position of the
rotor both in the thrust and radial direction;

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wherein the support portion holds said slide bearing and is provided integrally with said coil bobbin, and said urging member is attached to said support portion;

wherein said positional regulation part is constituted by a bearing provided at the other end of said shaft, and

wherein said positional regulation part accepts indirectly an urging force of said urging member via a washer made of resin.

5. (currently amended): A motor according to claim ~~3~~ 4, wherein the other end of said shaft is protruded from said bearing, and a lead screw portion is formed in said protruded portion.

Claims 6-8: Cancelled.

Claim 9 (currently amended): ~~A motor according to claim 8~~ A motor comprising:
a stator provided with a resin coil bobbin formed by insert molding having at least two metallic stator cores, each core having an outer yoke and an inner yoke;

a rotor accommodated in said stator, said rotor being rotated while being urged by an urging member in the axial direction of said rotor, said rotor being disposed inside said at least two cores;

a positional regulation part, located on one side face of said stator, integrally formed with said resin coil bobbins by insert molding.

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a support portion, integrally formed with said resin coil bobbins by insert molding,
constituted by a cap portion having a circular hole on which a slide bearing is positioned; and
a slide bearing movable in the axial direction of said rotor and rotatably receiving one
end of a shaft of said rotor,

wherein said support portion is located on another side face of the stator, and supports
said slide bearing,

wherein the positional regulation part and the support portion regulate the position of the
rotor both in the thrust and radial direction;

wherein a holding portion for holding said slide bearing is provided integrally with said
coil bobbin, and said urging member is attached to said holding portion,

wherein said positional regulation part is constituted by a bearing provided at the other
end of said shaft, and

wherein said positional regulation part accepts indirectly an urging force of said urging
member via a washer made of resin.

Claim 10 (currently amended): A motor according to claim-89, wherein the other end of
said shaft is protruded from said bearing, and a lead screw portion is formed in said protruded
portion.

Claims 11-13: Canceled.